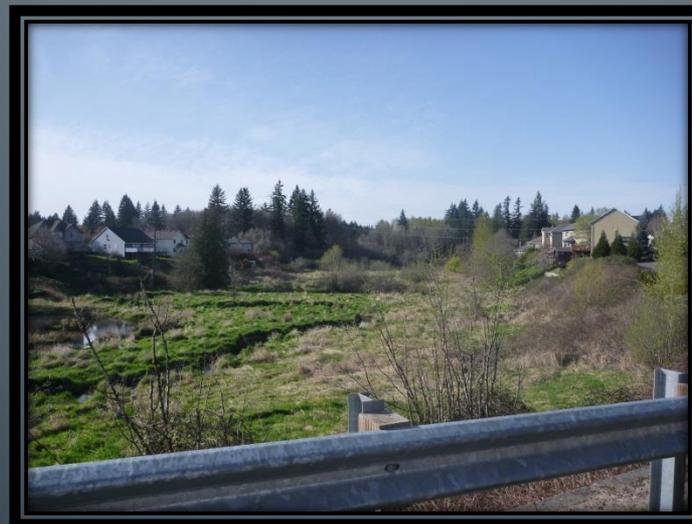


# CEDAR CREEK TRAIL UPDATE



Parks Board  
February 1, 2016

# Parks Board-CCT Project 1 Update

- **Project 1 Design Update**
  - **Alignment**
  - **Process and Timeline**
- **Trail Features**
  - **Bridge Design**
  - **Wall Types**



# Project 1 Preliminary Design

Murdock to 99W

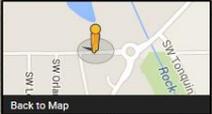


# Oregon Street Trail Segment

CEDAR CREEK TRAIL:  
Segment 5



**Street View  
facing east  
toward Old Town**



Google

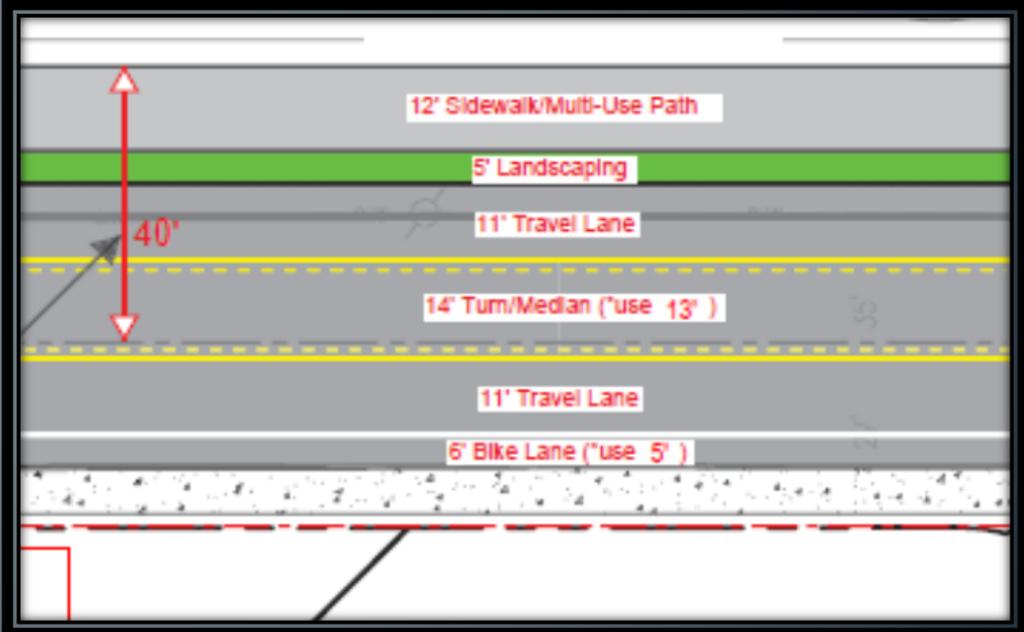


# Oregon Street Cross Section

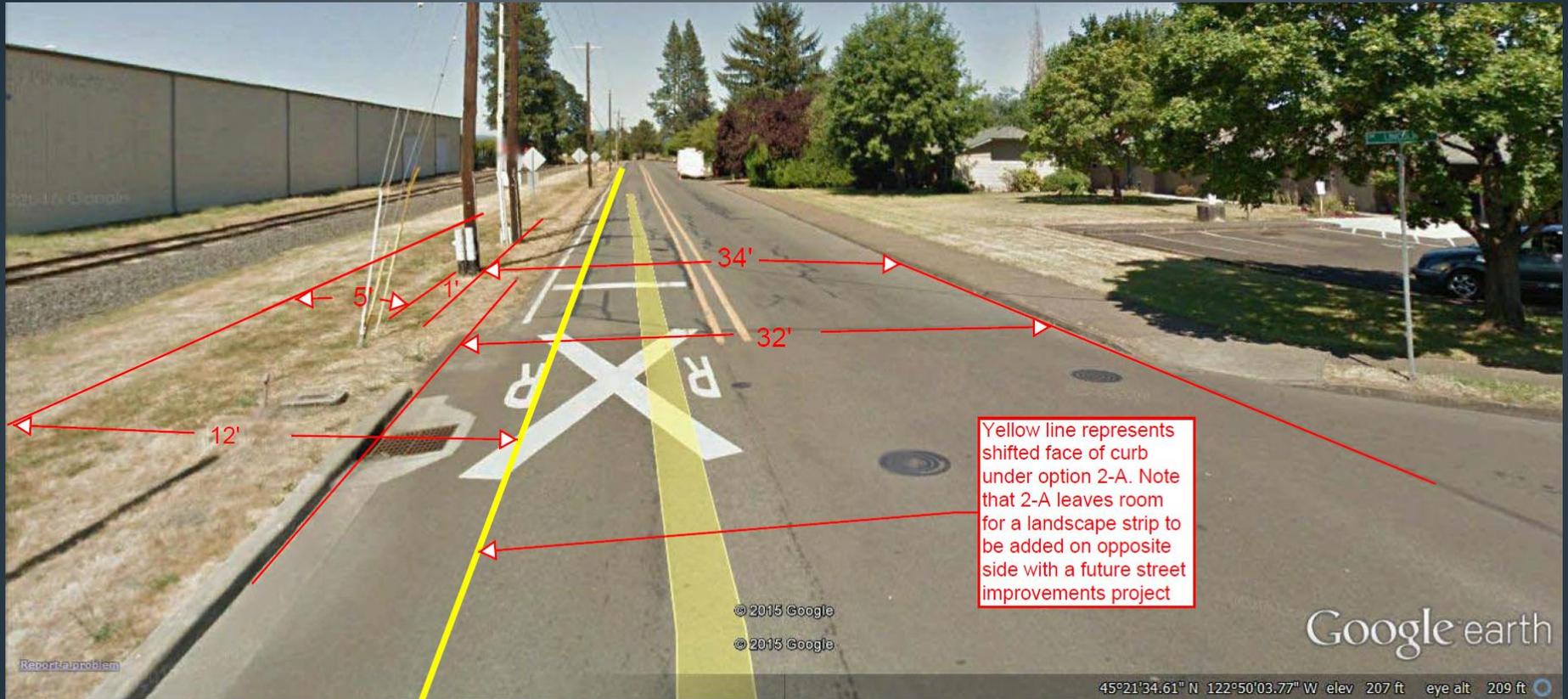
## Shared Use Path



## Dimensions



# Oregon Street Near Railroad



## Oregon Street

Existing trail:

Curb tight sidewalk  
facing west



# Old Town through Stella Olsen Park



# Project 1 Segment from Washington St. Parking Lot to 99W

Feeder trail to schools

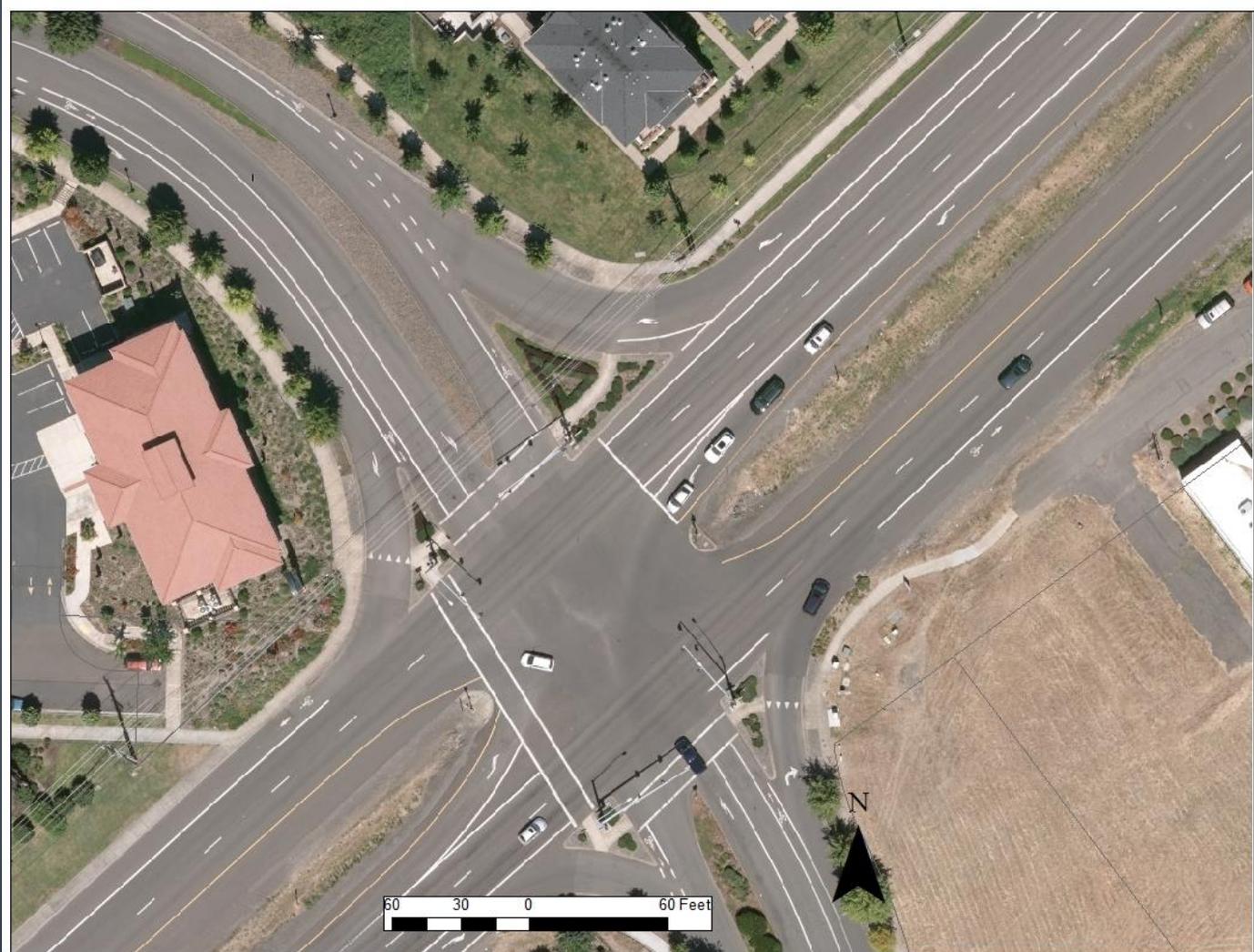


# Trail Facility Types

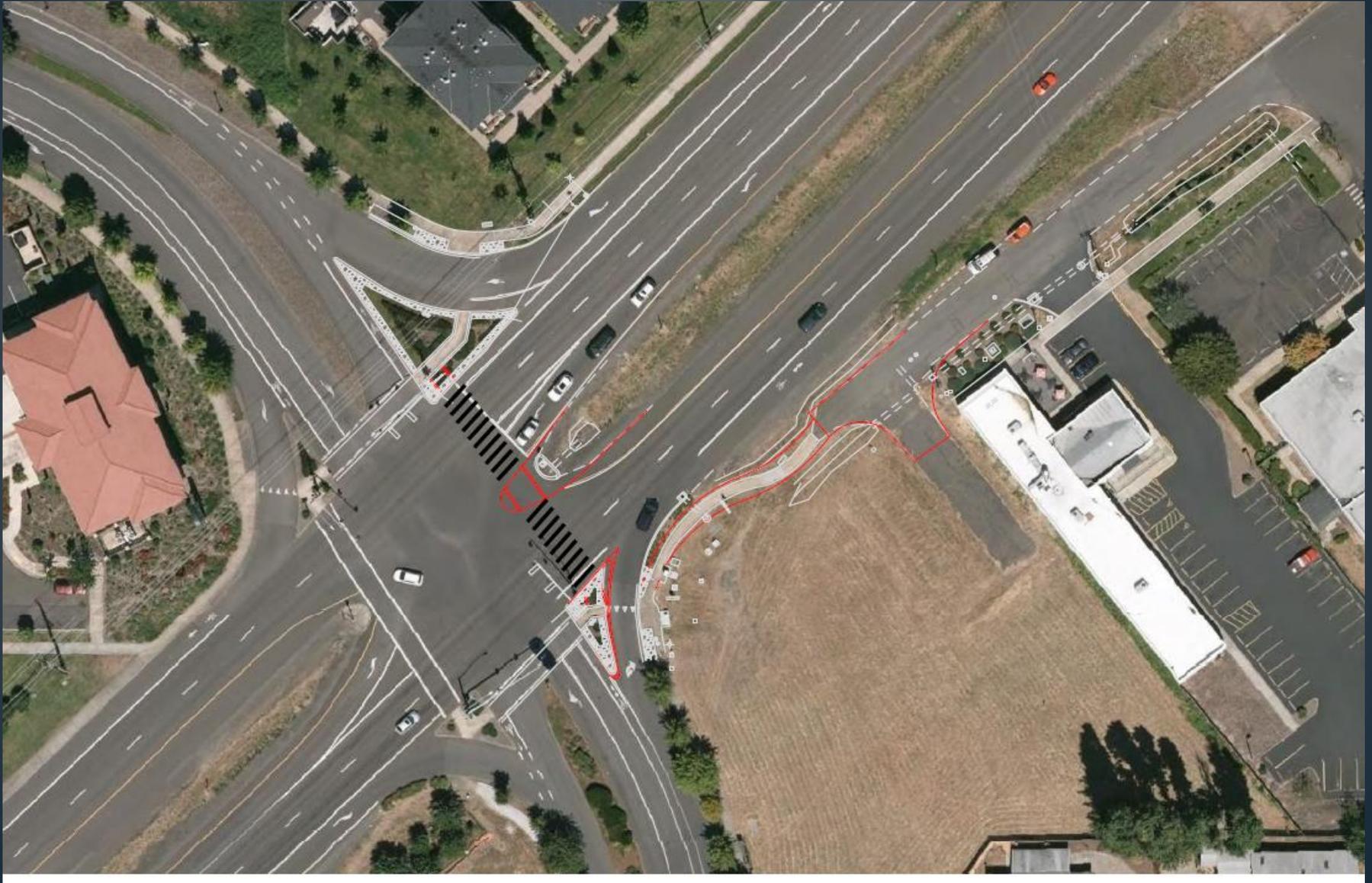
## Shared Use Paths



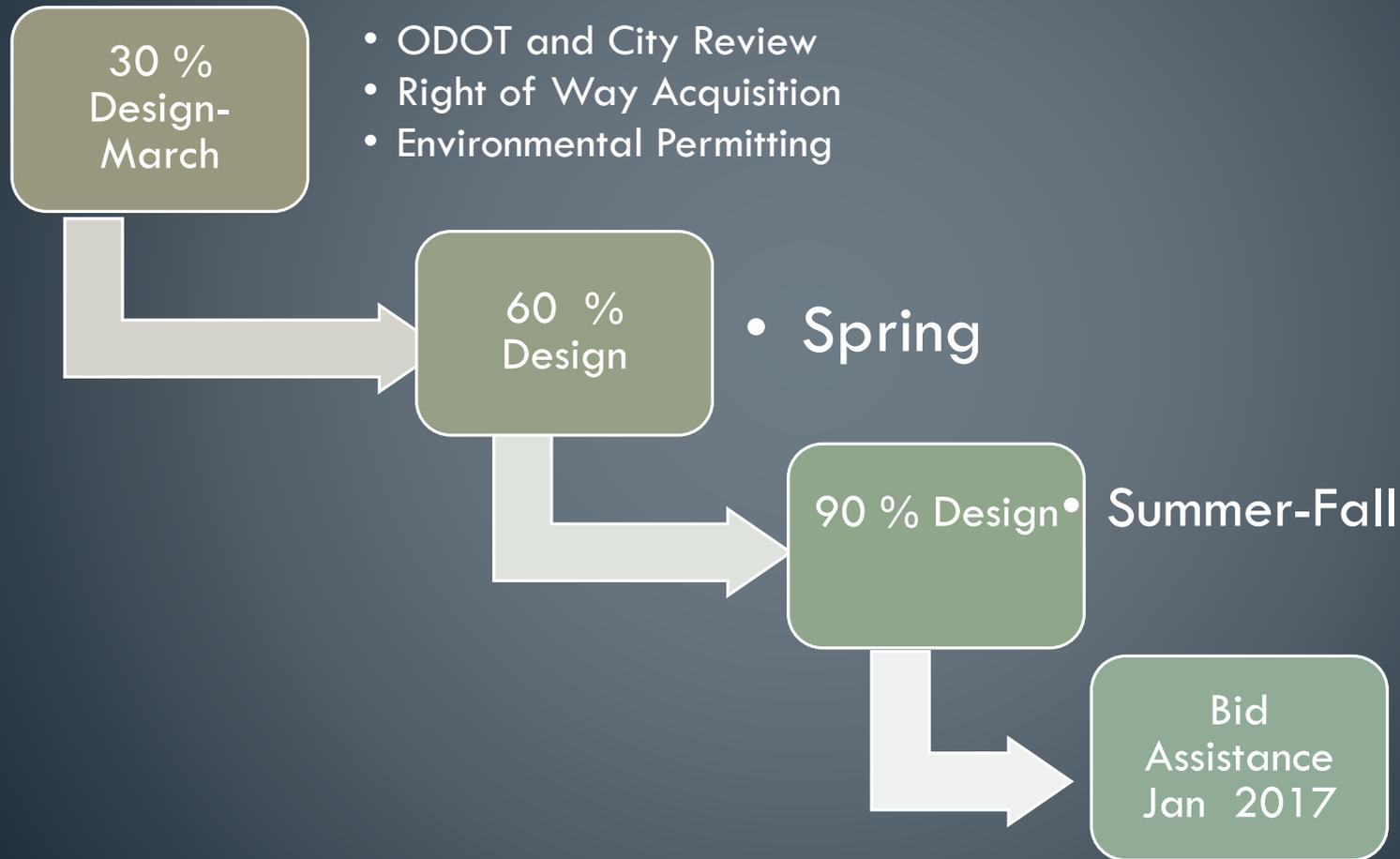
# 99W Intersection Before Improvements

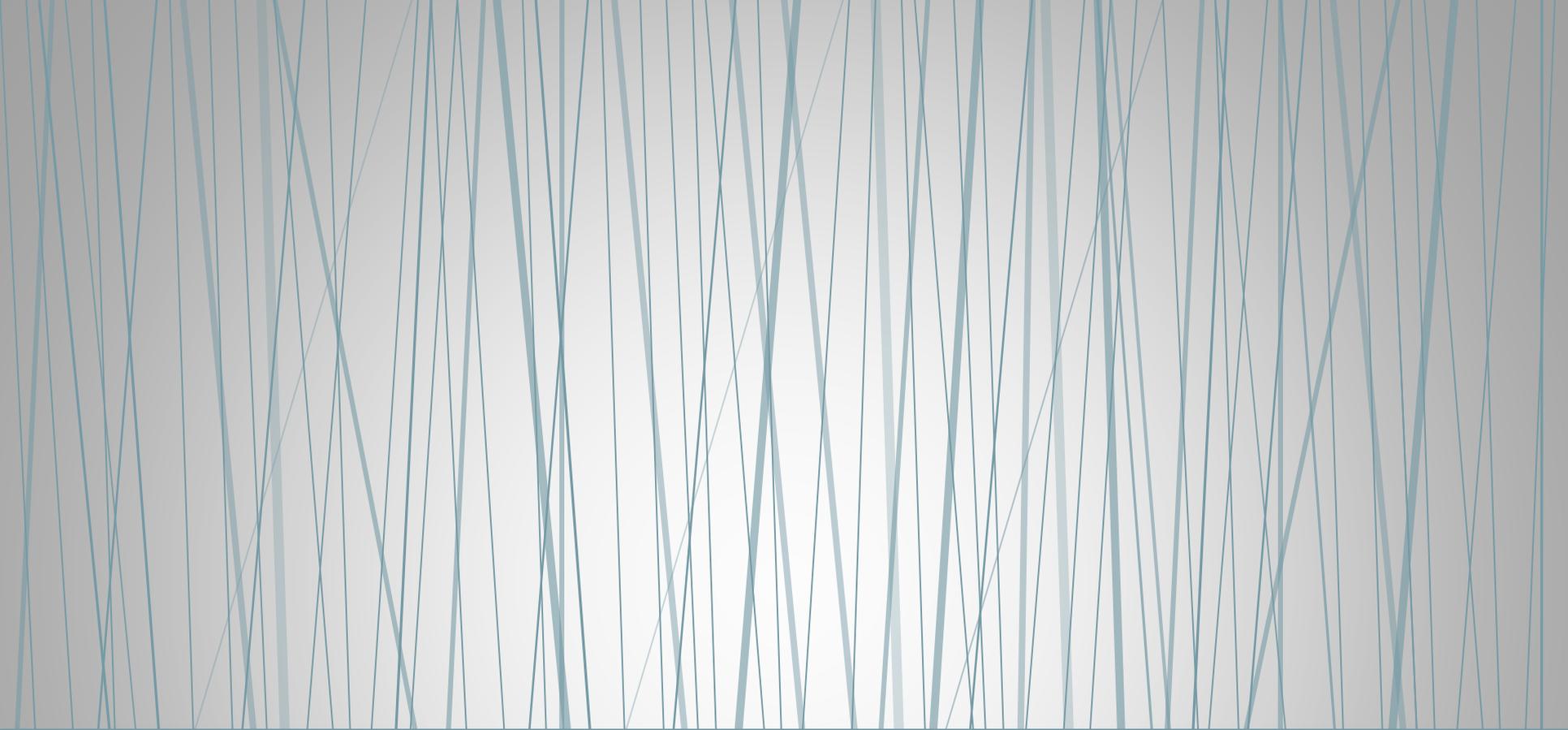


# 99W and Meinecke Intersection Improvements



# Process and Timeline





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# TRAIL FEATURES

BRIDGES, BOARDWALK AND WALLS

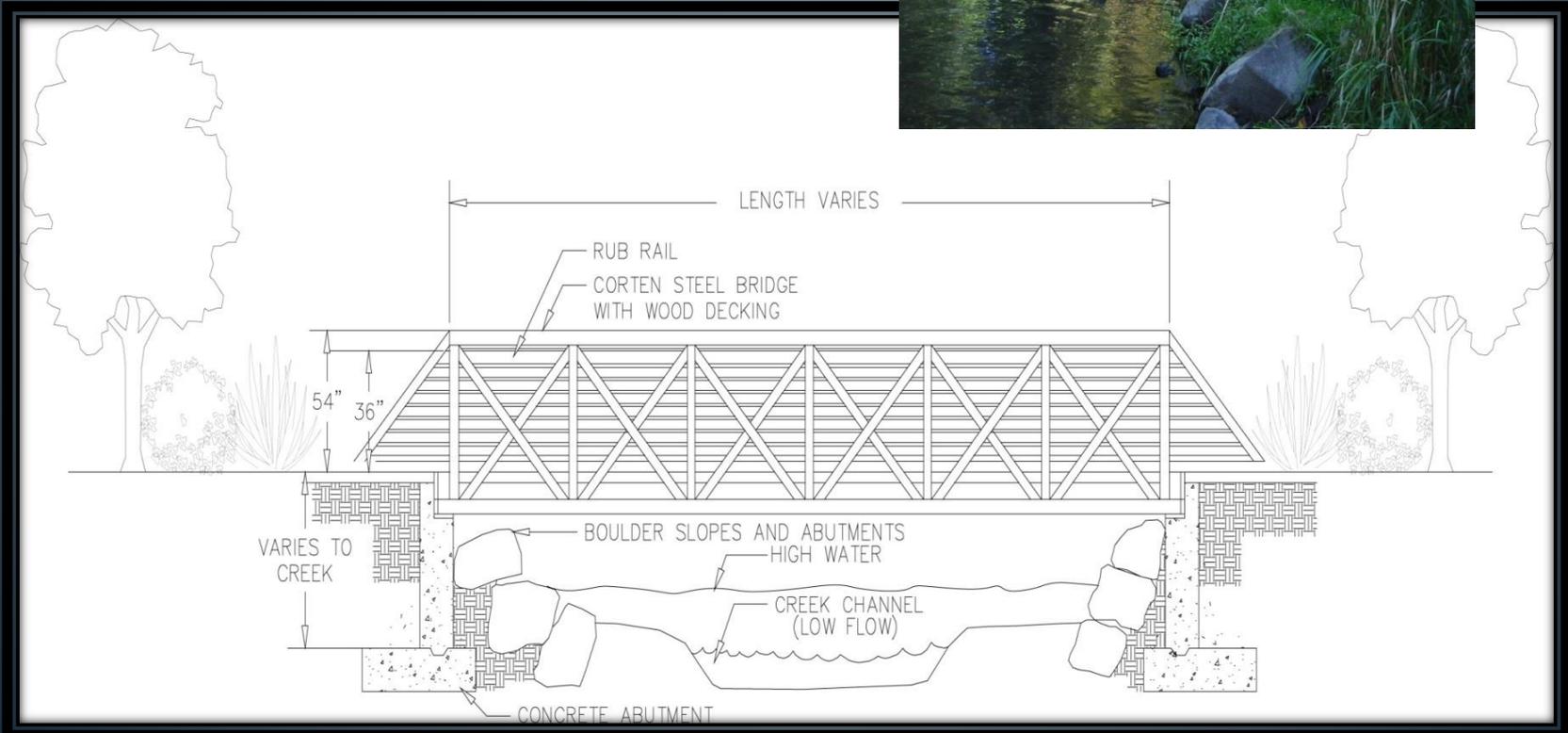
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# Project 1 Segment from Washington St. Parking Lot to 99W

Feeder trail to schools



# Waterway Crossings



# Timber Bridge Types

- Timber



- Timber with Composite Rail



# Prefabricated Girder Bridge

Glue-laminate exterior



Glue-lam with treated composite materials



# Side Girder Examples



Pony Truss  
Steel Bridge



# Structure Cost Estimate

Includes structure design, fabrication, assembly, and delivery to the site

**Timber Bridge: \$ 33-45 k**

**Steel Bridge: \$ 40-60 k**

Add Crane, labor and overhead: \$ 20-25 K to both  
Other costs not included, are foundations, approach and possible boardwalk costs.

# Deck/Rail Materials



# Details

- Pier support



Concrete to composite

# Deck and Rail Materials

## Wood Deck and Rail



## Steel Rail and Wood Deck



Pedestrian railings:

42" above the surface

Multi-use (bicyclist) railings:

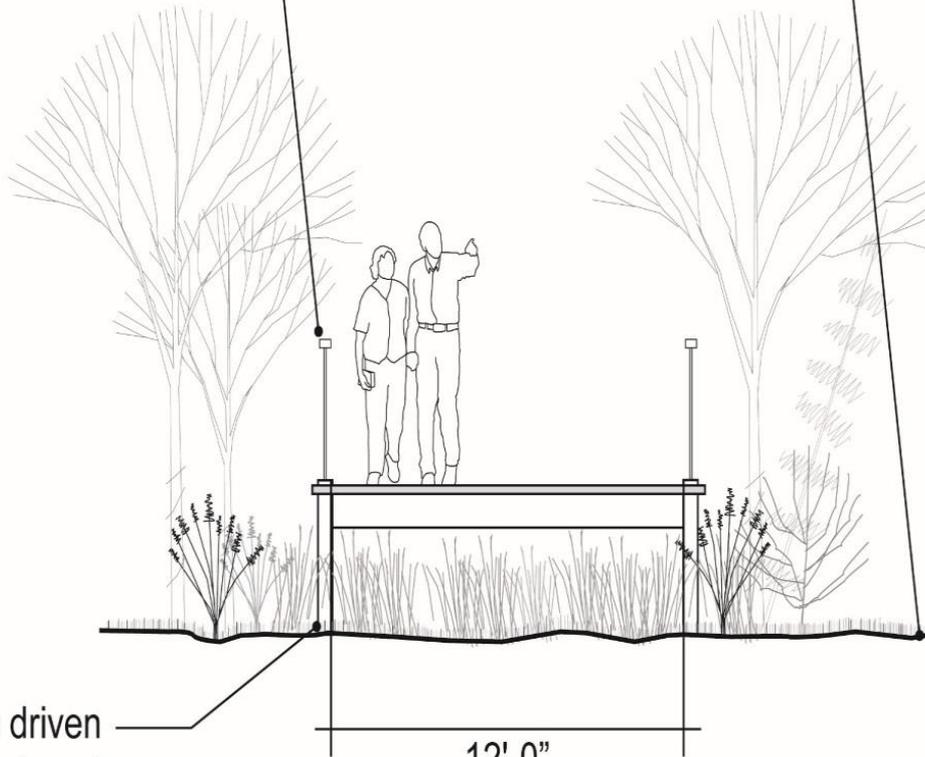
54" above the surface

Wetland plants and

overall ecological

function to remain

undisturbed



Pile driven  
wooden piers  
or auger piers.

12'-0"  
CLEAR



# BOARDWALK

# Porous Pavement

Boardwalk



# Wall Types-



# Wayfinding and Signage



# Wayfinding and Signage



# Bike Repair Station

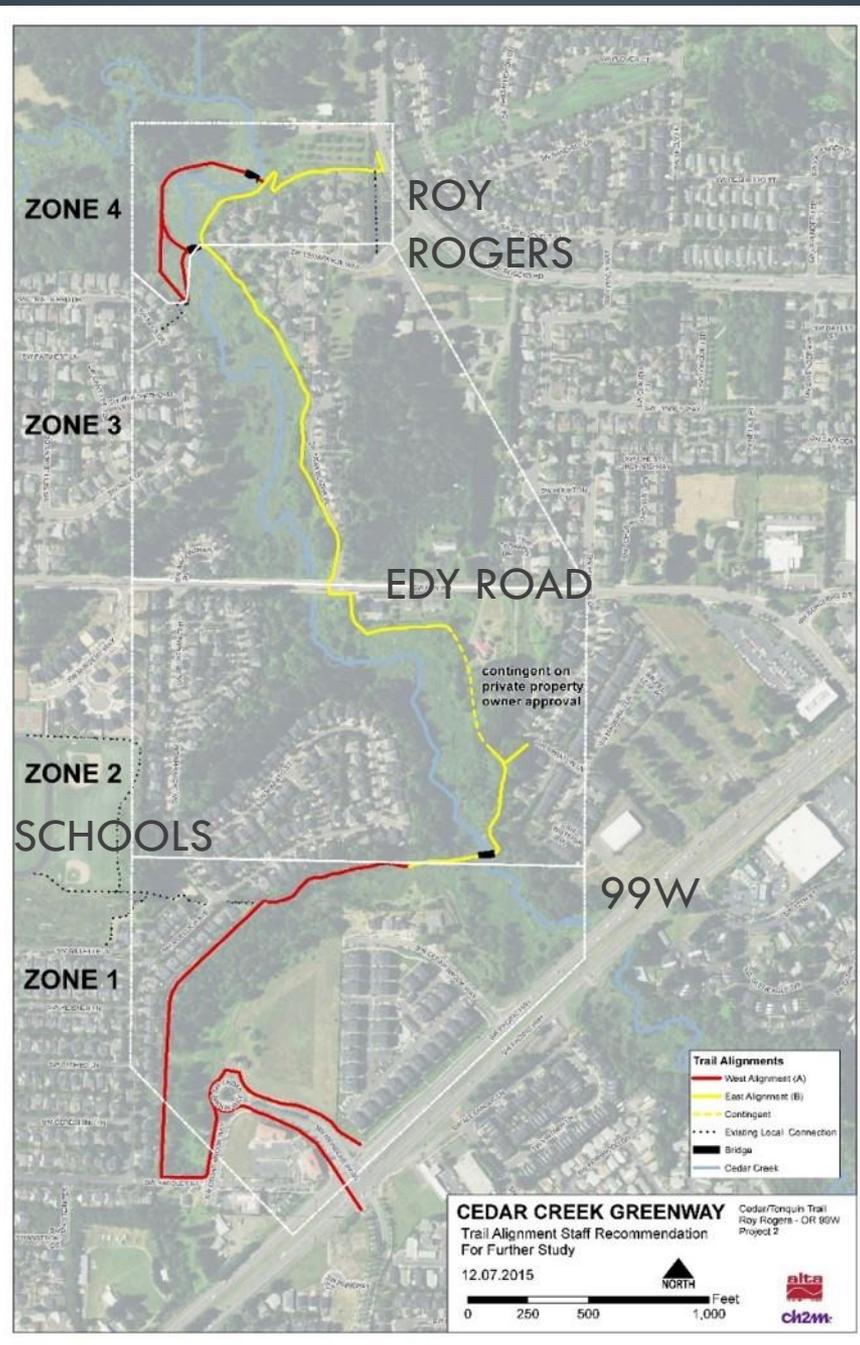


## Project 2

Alignment for further study

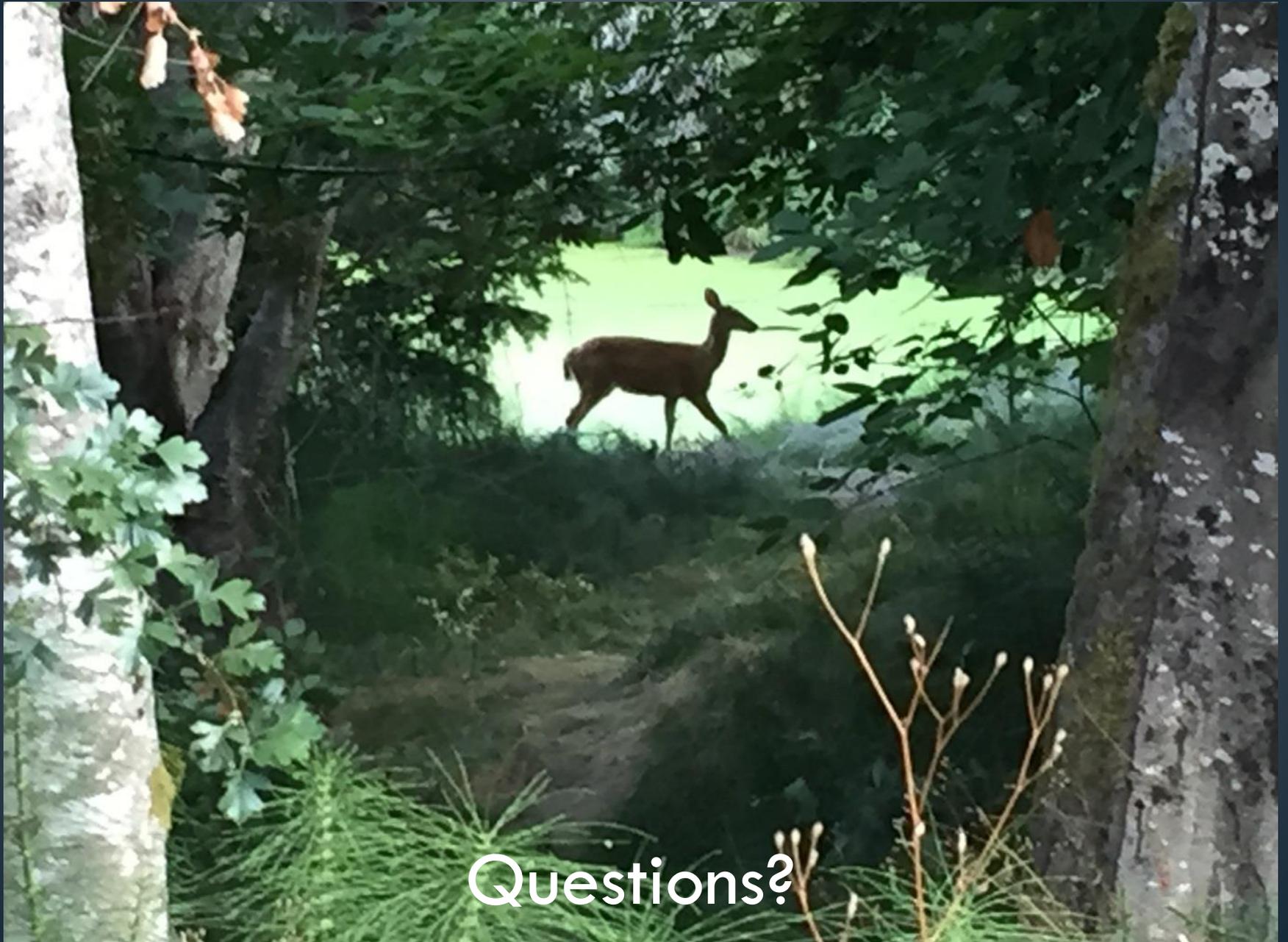
Survey Crew starting soon,

Letters to Property Owners this week



# Grants and Other Funding Opportunities

- Washington Co. Visitor Association Grant (\$38,000)-received
- **Metro's Nature in the Neighborhood Grant (\$ 58,045)**
- Metro's NIN Capital Improvement Grant
- ODOT's Enhance It Grant-applied
- Regional Flexible Fund for 2018-2019



Questions?